

SENIOR DESIGN **FINALIST** *SPR '10*



From left to right, back row: Joel Feyereisen, Jesse Kent, Randy Darnowsky, and Josh Click; middle row: Ian Craig, Xiaoming Huo, and Dillon Blakes; front row: Kristina Kaylen and Mackenzie Weber

STUDENT TEAM:

Dillon Blakes, Josh Click, Ian Craig, Randy Darnowsky, Joel Feyereisen, Kristina Kaylen, Jesse Kent, Mackenzie Weber

FACULTY ADVISOR:

Xiaoming Huo

PROJECT TITLE:

Radiant Systems Field Services Redesign Project

PROJECT SUMMARY:

The team recommended Radiant Systems, the leading global manufacturer of point of sale products, a facility layout redesign and an inventory management tool for their field services division. Intensive data collection, a thorough simulation, labor optimization analysis, and robust sensitivity analysis result in reduced overtime, transfer/walking time, and linestock stockouts. Project deliverables will save Radiant Systems \$1.28 million over the 3 year lifetime of the project.